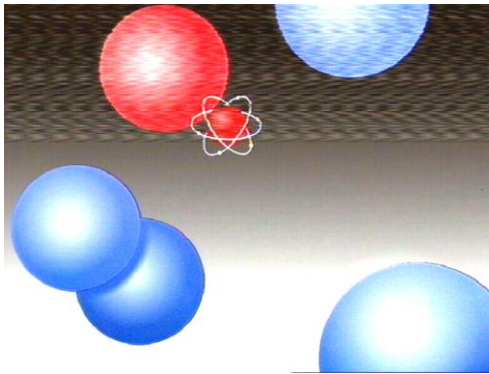


ATC Providing Problem Free Solutions



(Terrestrial Trunked Radio) is currently being rolled out throughout Ireland for use by Gardai, Army and Emergency services. Around the country there have been a number of cases of interference to television reception associated with the start-up of Tetra systems. The problem appears on the screen as a number of horizontal bars within

which are smaller diagonal or chevron shaped lines. Because of their appearance these are commonly known as **tyre tracks**. The picture shows a mild form of this interference, in some cases it can completely wipe out certain channels.

Fortunately it only occurs in areas relatively close to the TETRA transmitter, but as most Garda stations are in town centres, it can effect a large number of viewers.

The Solution: Make sure that if an amplifier is used, it is a modern fully screened type and preferably has F connectors. Fit a [Tetra Filter](#) between the aerial and the amplifier. The filter should be fitted as close to the dipole as practical. Because of its design the Tetra filter will also reduce interference from mobile phone masts and other non UHF sources.